

In The Name Of GOD

Name: Fatemeh Bagri

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## Education

### BSc.

University: Lorestan University

Major: Pure Chemistry

### Msc.

University: Lorestan University

Major: Nano Science and technology - Nanochemistry

Thesis: Fabrication and Modification of dual layer PDMS mixed matrix Membrane by ZIF8 for Gas Separation

Supervisors: Dr Yaghoub Mansourpanah

### PhD

University: Institute for Nanoscience and Nanotechnology (INST), Sharif University of Technology

Major: Nano Science and Technology

### Publications:

MANSOURPANAH, Yaghoub; BAGRI, Fatemeh. Improvement the performance of PDMS top layer of mixed matrix membrane incorporated with treated ZIF-8 for gas separation. *Journal of Membrane Science and Research*, 2020.

Contributed in Handbook of Nanomaterials for Wastewater Treatment: Fundamentals and Scale up; Nanocomposite/nanoparticle in membrane based separation for water remediation: Case study

### National and International Conference:

Gas separation enhancement via modification of PDMS membrane (Third International Conference on Oil, Gas, Petrochemical and Hse)

The effect of incorporation of ZIF-67 nanoparticles on the polysulfone membranes in gas separation (5<sup>th</sup> National conference on New Researches in Chemistry and Chemical Engineering)

### Research Experience:

## Membrane technology- Gas separation